## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:

STEVEN R. SMITH

Serial No. 10/662,698

Art Unit: 2814

Filing Date: September 15, 2003

Examiner: NGUYEN, DILINH

For:

SEMICONDUCTOR PACKAGE HAVING POLYMER MEMBERS CONFIGURED TO PROVIDE SELECTED PACKAGE CHARACTERISTICS (AS AMENDED)

Attorney Docket No. 99-0866.3

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56 June 18, 2004

MAIL STOP NON FEE AMENDMENT Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

The citations listed on the accompanying Form PTO/SB/08, copies attached, may be material to the examination of the subject application and are therefore submitted in compliance with the duty of disclosure defined in 37 CFR §§1.56, 1.97 and 1.98.

This Information Disclosure Statement under 37 CFR §§1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art under 35 USC §102.

It is requested that the above citations be made of record, if appropriate, in the prosecution of this application.

Respectfully submitted

Stephen A. Graffon, Registration No. 28,418

Attorney of Record

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## CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: MAIL STOP NON FEE AMENDMENT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on this 18th day of June, 2004.

June 18, 2004 Date of Signature

Gigitton , Afforney of Record

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/662,698			
Filing Date	09/15/2003			
First Named Inventor	STEVEN R. SMITH			
Art Unit	2814			
Examiner Name	NGUYEN, DILINH			
Attorney Docket Number	99-0866 3			

		<del></del>	U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (I known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
_	A	US- 6,700,210 B1	03/02/2004	Smith	
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FOREIGN PATENT DOCUMENTS						
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
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Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO				Complete if Known		
Substitu	te for form 1449/PTO			Application Number	10/662,698	
INF	ORMATION	I DIS	CLOSURE	Filing Date	09/15/2003	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	STEVEN R. SMITH	
				Art Unit	2814	
(Use as many sheets as necessary)			ecessary)	Examiner Name	NGUYEN, DILINH	
Sheet	2	of	2	Attorney Docket Number	99-0866.3	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	В	Book of Semi Standards 1995, Packaging Volume, Specification Dimensions and Tolerances Used to Manufacture Plastic Molded Small Outline Package Tooling, SEMI 1995 pgs 175-178.	
	С	"Analysis of Warpage of LSI package". Copy Right Nitto Denko, 1999.	
	D	LEE CHOON KUAN et al. "IC Package Warpage - Prediction and Control", TI Singapore, MOS Memory Package Development Dept., date unknown.	
	Ε	1994 Dram Data Book, Micron Semiconductor, Inc., Packaging Plastic TSOP, pg 7-19, 1994.	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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